Getac

Rugged Mobile Computing Solutions

X500

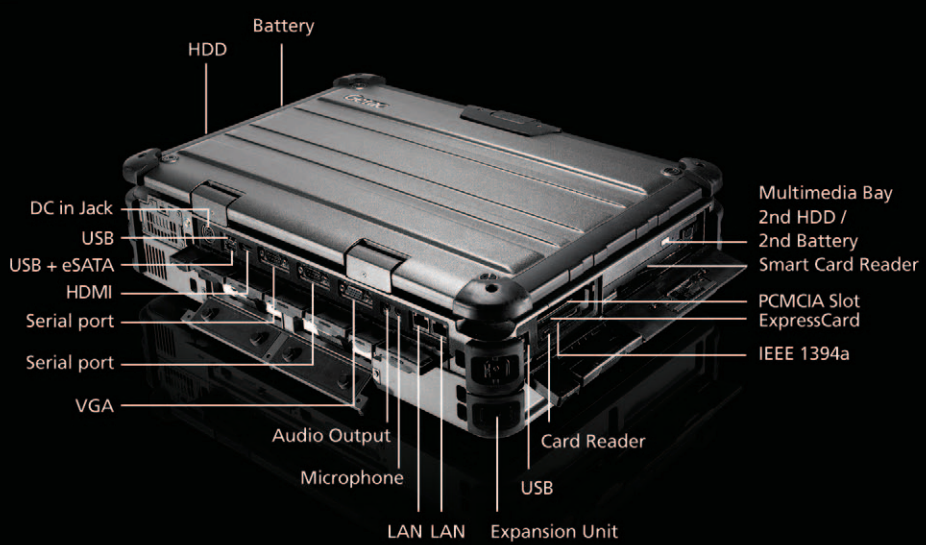
Fully Rugged Mobile Server

- Intel® Core™ i7-4800MQ vPro™ Processor
- 15.6'' TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display
- NVIDIA® GeForce® 745M 2GB Discrete Graphic Controller
- Optional RAID expansion unit with up to 5TB storage capacity and RAID configurable 0,1,5

CERTIFIED MIL-STD 810G

INGRESS PROTECTION IP65

LED Indicator



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X500 Fully Rugged Mobile Server

Getac recommends Windows.

Specifications

Operating System	Windows 7 Professional Windows Server 2012
Mobile Computing Platform	Intel® Core™ i7 vPro™ Technology - Intel® Core™ i7-4800MQ vPro™ Processor 2.7GHz, Max 3.7GHz, with Intel® Turbo Boost Technology - 6MB L3 Intel® Smart Cache - Mobile Intel® QM87 Express chipset
VGA Controller	NVIDIA® GeForce® 745M 2GB discrete graphic controller
Display	15.6'' TFT LCD FHD (1920 x 1080) 800 nits QuadraClear® sunlight readable display
Storage & Memory	32GB DDR3 SATA HDD 500GB Disk management : RAID 0, RAID 1[i]
Keyboard	LED backlit membrane keyboard with integrated numeric keypad Optional LED backlit rubber keyboard
Pointing Device	Touchpad - Glide touchpad with scroll bar
Expansion Slot	PCMCIA Type II x 1 ExpressCard/54 x 1 Smart card reader x 1 SD Card Reader x 1
Multimedia Bay	2nd storage: HDD 500GB Optional 2nd battery[ii]
Expansion Unit	Optional SATA HDD 3TB maximum expandable to 5TB Disk management: RAID 0, RAID 1, RAID 5
I/O Interface	Serial port (9-pin; D-sub) x 2 External VGA (15-pin; D-sub) x 1 Microphone (Mini-jack) x 1 Audio output (Mini-jack) x 1 DC in Jack x 1 USB 3.0 (9-pin) x 2 USB 2.0 (4-pin) x 1 USB 2.0 / eSATA Combo x 1 LAN (RJ45) x 2 IEEE 1394a x 1 HDMI x 1
Communication Interface	10/100/1000 base-T Ethernet Intel® Dual Band Wireless-AC 7260; 802.11 ac Optional SiRFstarIV™ GPS Optional Gobi™ mobile broadband
Software	Getac Utility Adobe® Reader® Adaptec Storage Manager™ [ii]
Security Feature	Intel® vPro™ Technology TPM 1.2 Fingerprint scanner Smart card reader Kensington lock
Power	AC adapter (150W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (10.8V, 8700mAh)[iii] Optional Multimedia Bay 2nd Li-Ion smart battery (10.8V, 8700mAh)[ii]
Dimension (W x D x H) & Weight	410 x 290 x 65 mm (16.1" x 11.4" x 2.5") 5.2 kg (11.4 lbs)[iv] 410 x 290 x 119 mm (16.1" x 11.4" x 4.6")[v] 8.6 kg (18.9 lbs)[iv]
Rugged Feature	MIL-STD-810G certified and IP65 certified Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant
Environmental Specification	Temperature[vi]: - Operating: -20°C to 45°C / -4°F to 113°F - Storage: -40°C to 71°C / -60°F to 160°F Humidity: - 95% RH , non-condensing
Accessories	Backpack[ii] Protection film Main battery (10.8V, 8700mAh) AC adapter (150W, 100-240VAC) Multimedia bay 2nd battery (10.8V, 8700mAh)[ii] Multimedia Bay 2nd HDD[ii] Battery charger

i 2nd multimedia HDD is required for RAID 0, RAID 1 configuration.

ii Software, hardware and accessories may vary depending on configuration.

iii Battery life testing conducted under BatteryMark 4.0.1. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings.

iv Weight varies from configurations and optional accessories.

v Dimension measured with expansion unit.

vi Tested by a national independent third party test lab following MIL-STD-810G. Recommend system boot-up temperature below 40°C.

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